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Reviews of the absolute determination of gravitational force in Potsdam (1906), Washington, (1930-1934), Teddington (1937-1938). Considerations of the method for deriving an averaged null point, the gravimetric relationships between points of absolute determinations, and the critical reconsideration of the Potsdam determination (by studies undertaken independently in the US and USSR)

4. Yevseyev, S. V., Docent

"Reduction of Gravitational Force in Mountain Regions"

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Discussion of gravitational anomalies in the Central Caucasus and various reduction methods: topographical, Heiskanen isostatic, Hayford-Pratt isostatic, regional reduction, and Vening Meynesz isostatic regional. Very detailed maps and tables of isostatic anomalies of gravitational force in the Caucasus

5. Sergeyev, M. N., Prof

"The Potential of an Infinitely Thin Elliptical Membrane"

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6. Grushinskiy, N. P., Cand Tech Sci

"The Temperature Dynamic Effect in Gravimetry"

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Description of the present successful work of several Molodenskiy gravimeters, produced by the experimental shops of the Central Scientific-Research Institute of Geodesy, Aerial Surveying and Cartography. Similar gravimeters are series-produced at one of the Moscow plants by the Institute of Applied Geophysics of the State Union Geophysical Trust, Ministry of the Oil Industry. They are equipped with an electric thermostat which, however, greatly complicates work with the gravimeters, but observations with gravimeters not having thermostats show substantial errors due to temperature variations. Attempts to find more accurate ways to calculate these variations so that gravimeters can be used without thermostats

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